

## PISTON

### LED, MONORAIL FIXTURE HEAD

#### DESCRIPTION

Compact yet packed with power, the 12VAC FJ Piston LED is a classic flat-back cylindrical fixture that tilts 90° vertically; 360° horizontally. Using the FJ Fast Jack 12 volt Connector, you can choose to mount this fixture head to a Monorail, 2" or 4" Round MonoPoint Canopies, and MultiPoint Canopies. Its 15°, 25°, 35°, or 45° beam spread TRI Lens gives off a smooth, uniformed beam up to 517 Lumens at 9W/3000K/95CRI. For custom quotes and layout assistance, send your drawings and ideas to our design team: [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

#### FINISH & MATERIAL



Satin Nickel **SN** White **WH**

- Machined from Billet Aluminum
- Tilts 90°
- Rotates 360°

#### LENS

Field changeable TRI Lens gives a smooth uniform beam at 15°, 25°, 35° or 45° beam spreads

#### APPLICATIONS

Suitable for damp or dry location, interior use only

#### LAMP SPECIFICATIONS

9 watt integrated LED chip, up to 517 Lumens, 3000K

#### DIMMING

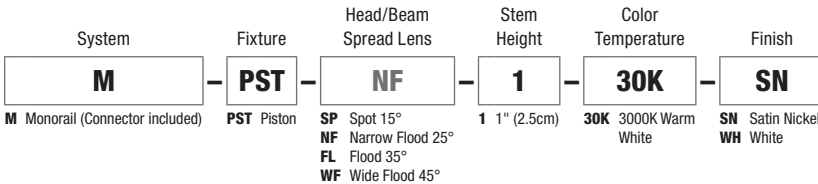
- Dimmable to 1% Percent of Flicker <25%
- ELV dimming standard. Compatible with Lutron Diva, Skylark, and Legrand ELV dimmers

#### WARRANTY / LABELS

Prorated 5 year warranty. Assembled in America ETL (Conforms to UL1598 and CSA 22.2 #250.0)

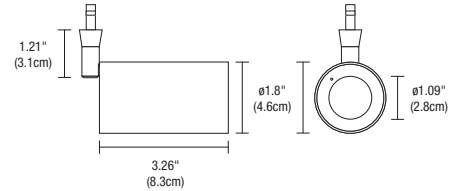


#### LINK TO 3D FILES



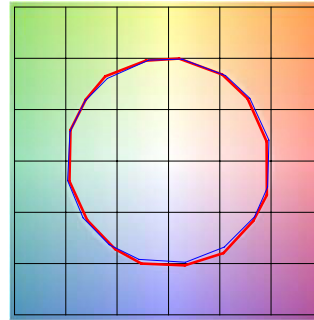
**FJ-PST-NF-1-30K-SN**  
Satin Nickel

**FJ-PST-NF-1-30K-WH**  
White



**3000K** | Rf: 93.2 | Rg: 100.8

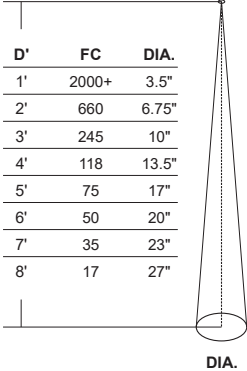
Color Vector Graphic



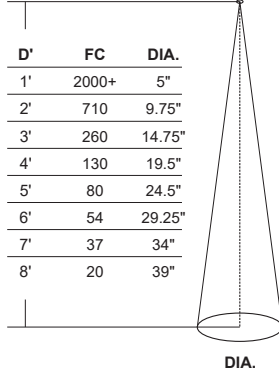
Red Test Blue Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	94.1	-2.5%	0.9%
2	95.4	-2.0%	1.1%
3	92.2	-0.9%	3.4%
4	94.5	0.0%	2.8%
5	94.0	0.1%	2.8%
6	94.9	2.7%	0.5%
7	95.4	0.2%	-1.9%
8	97.5	-0.1%	-1.5%
9	96.0	-1.7%	0.8%
10	91.1	-2.1%	4.0%
11	88.9	0.2%	7.4%
12	90.5	3.5%	3.0%
13	94.4	2.9%	-1.3%
14	91.4	4.5%	-3.9%
15	92.5	1.1%	-4.1%
16	89.0	0.7%	-7.9%

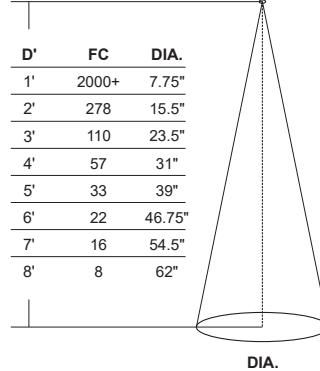
#### BEAM ANGLE 16°



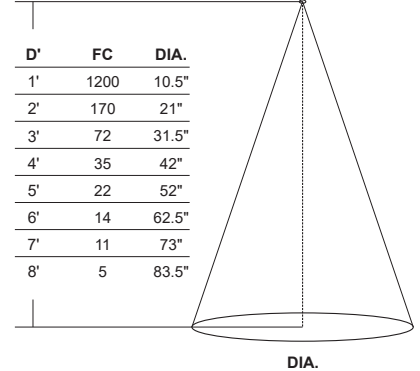
#### BEAM ANGLE 23°



#### BEAM ANGLE 36°



#### BEAM ANGLE 47°



PROJECT	FIXTURE TYPE	DATE
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## SCOPE

LED, MONORAIL FIXTURE HEAD

### DESCRIPTION

The Scope LED, a classic flat-back cylinder fixture, tilts 90° vertically. The cool-to-the-touch rotating lens allows adjustment of the beam angle from 20° spot to 50° flood while the fixture is lit. Fixture includes 5 year warranty.

### FINISH & MATERIAL



Satin Nickel  
**SN**

### LENS

Adjustable TRI Lens gives a smooth uniform beam at 20° and 50° beam spreads

### APPLICATION

Suitable for damp or dry location, interior use only

### LED LAMP SPECIFICATIONS

Total Wattage: 9.3 Watts  
Color Temp: 3000K  
CRI: 92+  
Lumens: 360lm  
Lumen Per Watt: 38lm/w

### DIMMING

- Dimmable to 1% Percent of Flicker <25%
- Triac and ELV dimming standard. Compatible with Lutron Diva, Skylark and Legrand ELV dimmers

### COMPLIANCE LABEL

ETL (Conforms to UL1598 and CSA 22.2 #250.0)

### WARRANTY

5 year warranty. See PureEdgeLighting.com

### LINK TO 3D FILES

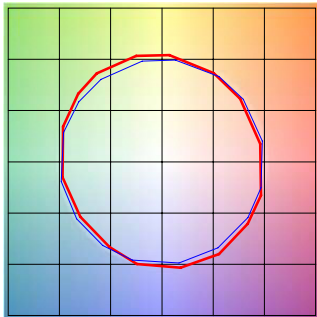
System	Fixture	Stem Height	Finish
<b>M</b>	<b>SCO</b>	<b>1</b>	<b>SN</b>
M Monorail	SCO Scope	1 1" (2.5cm)	SN Satin Nickel



**FJ-SCO-1-SN**  
Satin Nickel

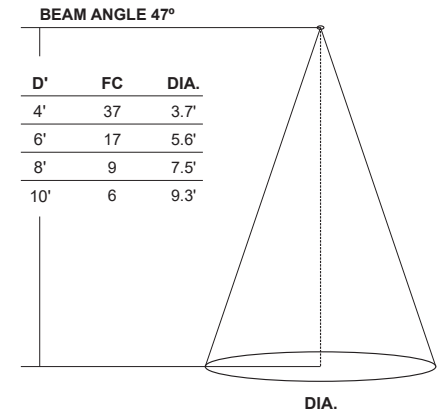
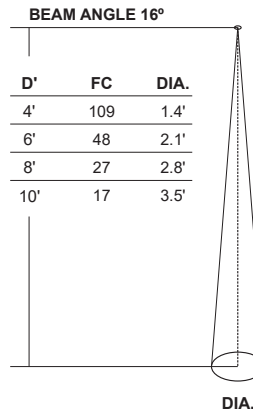
3000K | Rf: 90 | Rg: 103.5

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	92.5	-2.4%	-2.4%
2	93.6	-2.3%	2.1%
3	87.2	-0.1%	6.0%
4	86.9	3.8%	6.5%
5	90.1	6.0%	4.8%
6	88.1	7.1%	-0.0%
7	85.9	4.9%	-6.5%
8	90.7	1.6%	-5.3%
9	92.7	-1.9%	-3.9%
10	91.2	-3.9%	0.3%
11	88.6	-2.4%	6.4%
12	88.1	3.0%	4.9%
13	92.2	4.8%	0.7%
14	90.9	5.8%	-2.6%
15	89.4	3.2%	-5.3%
16	89.7	1.2%	-7.3%



PROJECT	FIXTURE TYPE	DATE
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# MONORAIL HEADS, PENDANTS AND SUSPENSIONS

12VAC



REV 04.24.25

## REBEL

LED, MONORAIL FIXTURE HEAD

### DESCRIPTION

The contemporary cylinder-shaped Rebel is a versatile spotlight with a handle that can be removed after hot aiming. It rotates 360° and tilts 90°, performing as either an accent light or a stylish down light. The fixture allows easy re-lamping and holds up to three accessories.

### FINISH & MATERIAL



Satin Nickel  
**SN**



White  
**WH**

- Tilt: 90°
- Rotation: 360°

### SYSTEM MOUNTING OPTIONS

For use with any 12VAC Fast Jack Port including Monorail 1 Circuit Rail, MonoPoint canopies 2" or 4" round (**RD**), and multi-port canopies

### APPLICATION

Suitable for damp or dry location, interior use only

### LAMP SPECIFICATIONS

- Maximum 9 watt LED MR16 lamp GU 5.3 base - 12 volt (sold separately) up to 490 Lumens
- 2700K, 3000K, may be order in warm dim to 1800K

### ACCESSORIES

May take up to 3, 2" round accessories, including glass lens or film lens. Louvers or snoot (see pg 4).

### DIMMING

- Dimmable to 1% Percent of Flicker <25%
- Triac and ELV dimming standard. Compatible with Lutron Diva, Skylark and Legrand ELV dimmers

### COMPLIANCE LABEL

ETL (Conforms to UL1598 and CSA 22.2 #250.0)

### WARRANTY

5 year warranty. See PureEdgeLighting.com



**FJ-REB-1-SN**  
Satin Nickel



**FJ-REB-1-WH**  
White

System	Fixture	Stem Height	Finish
<b>M</b>	<b>REB</b>	<b>1</b>	<b>SN</b>
<b>M</b> Monorail	<b>REB</b> Rebel	<b>1</b> 1.2" (2.5cm)	<b>SN</b> Satin Nickel <b>WH</b> White

PROJECT		FIXTURE TYPE		DATE	
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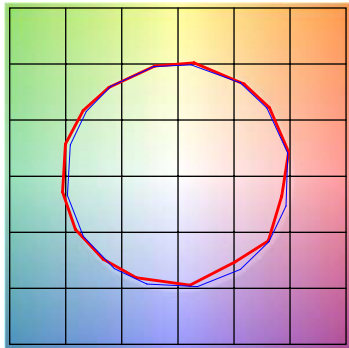
2700K MR16 12V LED LAMPS					
Brand	SORAA			SOL-Light	
Ordering Code	SMT6-07-10D-927-03	SMT6-09-25D-927-03	SMT6-09-36D-927-03	MR16-12V-8W-24D-30KWD-SL	MR16-12V-8W-36D-30KWD-SL
Wattage	8	9	9	8	8
CRI	95	95	95	97	97
Beam Angle (Degrees)	10	25	36	24	36
Total Lumens	390	465	465	468	450
Lumens Per Watt	52	52	52	50	55
Halogen Equivalent	50	60	60	50	50

3000K MR16 12V LED LAMPS					
Brand	SORAA			SOL-Light	
Ordering Code	SMT6-07-10D-930-03	SMT6-09-25D-930-03	SMT6-09-36D-930-03	MR16-12V-8W-24D-30KWD-SL	MR16-12V-8W-36D-30KWD-SL
Wattage	8	9	9	8	8
CRI	95	95	95	97	97
Beam Angle (Degrees)	10	25	36	24	36
Total Lumens	410	490	490	468	450
Lumens Per Watt	55	54	54	53	58
Halogen Equivalent	50	60	60	50	50

### SORAA VIVID MR16 36° FL

3000K | Rf: 90.4 | Rg: 99.5

Color Vector Graphic



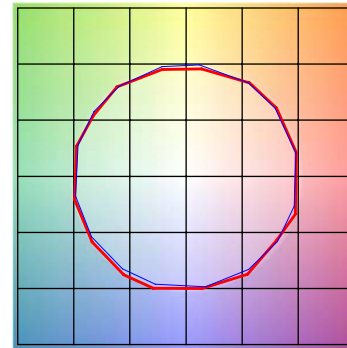
■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	94.4	1.0%	0.8%
2	94.6	2.1%	-1.1%
3	91.9	1.1%	-3.3%
4	91.9	2.1%	-2.1%
5	93.9	0.4%	-0.9%
6	95.2	0%	1.9%
7	93.4	2.7%	-0.7%
8	92.7	4.2%	0.1%
9	90.5	3.6%	-3.9%
10	84.3	2.3%	-9.2%
11	81.3	2.3%	-12.7%
12	81.3	-3.6%	-10.3%
13	90.5	-2.5%	-6.2%
14	88.5	-8.2%	-0.4%
15	96.2	-1.0%	0.3%
16	86.6	-5.4%	8.2%

### SOL-LIGHT WARM DIM MR16 36° FL

3000K | Rf: 94.2 | Rg: 101.2

Color Vector Graphic



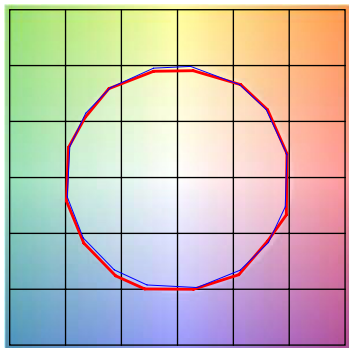
■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	96.0	0.3%	0.7%
2	96.8	0.9%	-0.8%
3	95.6	0.5%	-0.8%
4	93.1	-3.2%	-2.7%
5	95.7	-2.4%	0.4%
6	96.8	0.4%	1.6%
7	92.4	-1.4%	3.5%
8	96.8	1.2%	1.2%
9	94.0	1.4%	3.1%
10	92.6	2.1%	3.9%
11	92.2	3.7%	3.9%
12	92.4	3.9%	-0.9%
13	94.7	0.9%	-3.3%
14	93.4	3.0%	-3.2%
15	93.6	-1.1%	0.9%
16	90.2	2.4%	-6.7%

### SORAA VIVID MR16 25° NFL

3000K | Rf: 94.0 | Rg: 101.0

Color Vector Graphic



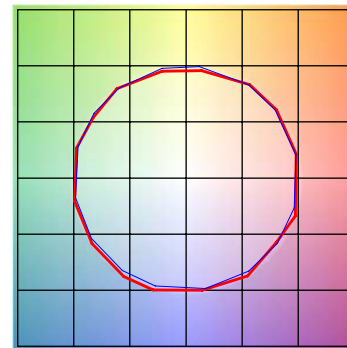
■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	95.9	0.3%	0.8%
2	96.8	0.8%	-0.9%
3	95.5	0.4%	-0.9%
4	92.7	-3.4%	-2.9%
5	95.6	-2.7%	0.4%
6	96.8	0.1%	1.6%
7	92.2	-1.6%	3.7%
8	96.6	1.1%	1.5%
9	93.7	1.4%	3.3%
10	92.4	2.2%	4.1%
11	92.2	3.8%	3.8%
12	92.4	3.9%	-1.1%
13	94.4	0.8%	-3.6%
14	93.3	2.8%	-3.4%
15	93.4	-1.4%	0.9%
16	90.3	2.2%	-6.7%

### SOL-LIGHT WARM DIM MR16 24° NFL

3000K | Rf: 94.2 | Rg: 101.2

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	95.9	0.3%	0.8%
2	96.8	0.8%	-0.9%
3	95.5	0.4%	-0.9%
4	92.7	-3.4%	-2.9%
5	95.6	-2.7%	0.4%
6	96.8	0.1%	1.6%
7	92.2	-1.6%	3.7%
8	96.6	1.1%	1.5%
9	93.7	1.4%	3.3%
10	92.4	2.2%	4.1%
11	92.2	3.8%	3.8%
12	92.4	3.9%	-1.1%
13	94.4	0.8%	-3.6%
14	93.3	2.8%	-3.4%
15	93.4	-1.4%	0.9%
16	90.3	2.2%	-6.7%

PROJECT	FIXTURE TYPE	DATE
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**DESCRIPTION**

The Pure Smart Wi-Fi enabled MR16, GU5.3 base lamp uses TruColor™ RGBTW Technology – With 5 channels (Red, Green, and Blue + Tunable White) of proprietary color mixing we create over 16 million vivid saturated colors and pastels along with 85,000 tunable white tones. Promote a healthy Circadian rhythm and experience the beauty of natural light in its purest form. Tunable White ranges from 1500K to 6500K. TruColor™ RGBTW4K delivers a tunable range from 2000K to 4000K, allowing for greater fine-tuning of warm white tones using the Pure Smart room controller or remote. Bring out the best of your world by saturating it in 97+ CRI light with TruColor™ Technology. Dial in just the right ambiance for any occasion just by changing the preset color mode. Harness the beauty of the sunset and paint your living room with the amber glow of the golden hour. Experience life in TruColor™.

- Controls - Easily control from anywhere with the WiZ app or with the WiZ Pro Dashboard on your computer. At home, experience the convenience of voice control with Alexa or Google Home. Take control to the next level by utilizing the available wall controls.
- Wall Controller - On/Off, Dimming, CCT selection, and scene control. Must use Pure Smart **CWW-TW-SCENE-WH** wall controller or Wall/Table Battery Remote Controller **CWR-TW-SCENE-WH** (Sold Separately).
- WiZ SpaceSense™ - Wi-Fi sensing technology that detects motion from disruptions in the Wi-Fi signal and triggers the lights to turn on or off when you enter or exit the room. \*Not compatible with mesh networks.
- Schedule & Automation - Customizable schedules, circadian rhythm, vacation mode, energy monitoring, and predictive maintenance.
- Wi-Fi/Bluetooth - Easily setup over Wi-Fi or Bluetooth. No hub required.
- 3rd party log-in and cloud security provide a safe and protected connection. WiZ does not store nor share any personal information.

For custom quotes and layout assistance, send your drawings and ideas to our design team: [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

**DIMMING & CONTROLS (SOLD SEPARATELY)**

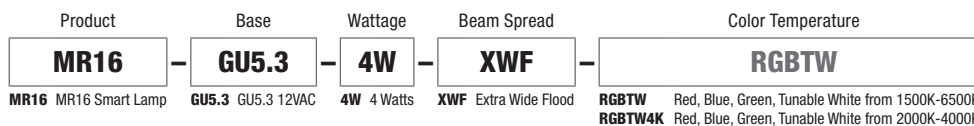
- [Home Integration Solutions](#)
- [Pure Smart™ 5 Channel Wi-Fi Controller](#)
- [Pure Smart™ Battery Operated Remote Wi-Fi Controller](#)

**SPECIFICATIONS**

APP	WiZ Mobile App
WI-FI/BLUETOOTH	Easily setup over Wi-Fi or Bluetooth. No hub required. 2.4GHz 802.11b/g/n WPA3 Personal
BULB SHAPE	MR16
BASE TYPE	GU5.3
WATTAGE	4 Watts
WATTAGE EQUIVALENCY	40 watt Incandescent, 28 watt Halogen
INPUT VOLTAGE	12 Volts AC
FREQUENCY	60 Hz
COLOR TEMPERATURE	<ul style="list-style-type: none"> <li>• <b>RGBTW</b>: Red, Blue, Green, Tunable White from 1500K-6500K</li> <li>• <b>RGBTW4K</b>: Red, Blue, Green, Tunable White from 2000K-4000K</li> </ul>
LUMENS	386 Lumens at 3000K
CRI	97 CRI at 3000K
EFFICACY	94 lumens per watt
DUV	.0003 average across 2000K-5500K
RF	92 average across 2000K-5500K
RG	102 average across 2000K-5500K
R9	84 average across 2000K-5500K
SCHEDULES & AUTOMATION	Customizable schedules, circadian rhythm, vacation mode, energy monitoring, and predictive maintenance
LOCATION	Indoor, damp location. Suitable for use in enclosed and open fixtures
MATERIAL	Polycarbonate
OPTICAL	Frosted Lens
L70 LIFESPAN	30,000 Hours
TITLE 20 COMPLIANCE	Meets Title 20 regulations and standards for efficiency. Suitable for use in California
WARRANTY	3 years/30,000 hours

**APPLICATIONS**

Ideal applications in residential, commercial, retail, and hospitality environments.



PROJECT	FIXTURE TYPE	DATE
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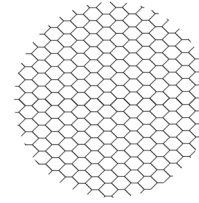
## MR16 HEXCELL LOUVER

MR16 Hexcell Louver Accessory eliminates glare. 2" diameter x .125" thick.

Accessory

**L016-H**

L016-H MR16 Hexcell Louver



## FILM LENS SOFT FOCUS

SF Soft Focus diffuses a beam pattern to provide even illumination. LS Linear spread lens directs 10°, 15°, 25° beams into an elongated shape. This is typically used in long rectangle paintings and art work, 35°, 40°, 60° lamps produce an elongated oval shape used in art work and wall washing.

Film Size      Film Type

**LF2** — **LS**

LF2 2" Film    LS Linear Spread



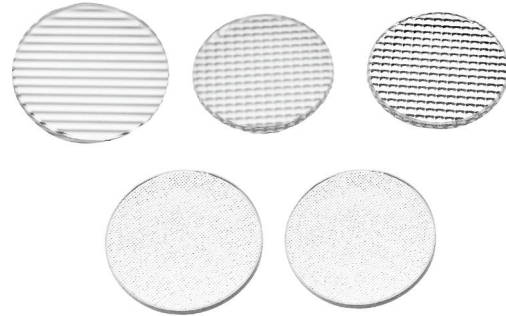
## 2" ROUND GLASS OPTICAL LENS

The soft focus lens reduces lamp glare, spread lenses elongate and diffuser lenses diffuse the light beam. UV filter lens allows quality light to pass through while blocking the ultra violet radiation.

Lens                  Optical Type

**L16** — **SF**

L16 MR16 Lens    **SF** Soft Focus  
**WD** Wide Diffuser  
**WDF** Wide Diffuser Frost  
**LS** Linear Spread  
*\*LIMITED QUANTITIES,  
 CALL FOR AVAILABILITY*



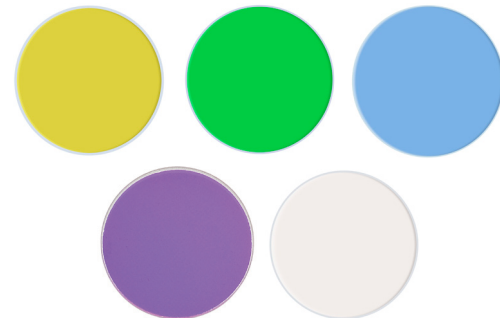
## 2" ROUND DICHROIC GLASS LENS

Dichroic lenses operate on a passive-reflective basis, reflecting unused wavelengths while allowing desired portions of the spectrum to pass through. Dichroics are high in transmission, producing brighter, cleaner, saturated colors.

Lens                  Dichroic Color

**L16** — **GR**

L16 MR16 Lens    **AM** Amber\*  
**YL** Yellow\*  
**PH** Peach\*  
**DP** Dark Pink\*  
*\*LIMITED QUANTITIES,  
 CALL FOR AVAILABILITY*



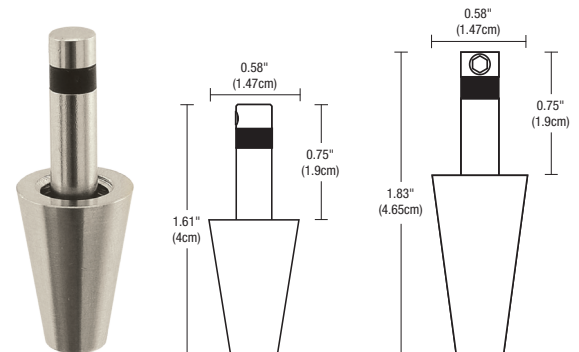
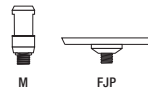
## FAST JACK COAXIAL PENDANT CONNECTOR

Use the Fast Jack Monorail Coaxial Connectors to adapt any coaxial pendant fixtures (with 3/32" diameter coaxial cable) to Edge Lighting Monorail and to Fast Jack canopies. The FJ-MCH is for fixtures over 5 lbs, Satin Nickel, 0.10 lb (.045 kg).

System                  Type                  Finish

**FJ** — **MC** — **SN**

FJ Fast Jack    MC Male Connector    SN Satin Nickel  
 MCH Male Connector Heavy Duty



PROJECT	FIXTURE TYPE	DATE
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# MONORAIL HEADS, PENDANTS AND SUSPENSIONS

12VAC



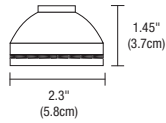
REV 04.24.25

## S6 ROUND SHADE

Round Metal Shade fits on Chopper or Vespa and holds two Lenses or a combination of a Louver and Lens using the attached Louver Lens Holder, up to 37 watt IR MR16.

Accessory	Finish
<b>S6</b>	<b>BK</b>

**S6** Round Shade **BK** Black  
*\*LIMITED QUANTITIES, CALL FOR AVAILABILITY*

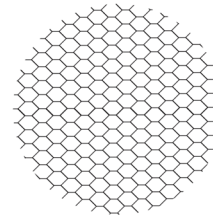


## MR16 HEXCELL LOUVER

MR16 Hexcell Louver Accessory eliminates glare from the light beam. 2" diameter x .125" thick.

Accessory	Type
<b>L016</b>	<b>H</b>

**L016** Lens Holder MR16 **H** Hexcell



## S1 LITTLE SHADE

Small, Solid Metal Shade fits on Low Rider and holds a Single Lens or Louver using a Snap Louver Lens Holder (included), up to 50 watt MR16.

Accessory	Finish
<b>S1</b>	<b>SN</b>

**S1** Little Shade **SN** Satin Nickel



PROJECT		FIXTURE TYPE		DATE	
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